

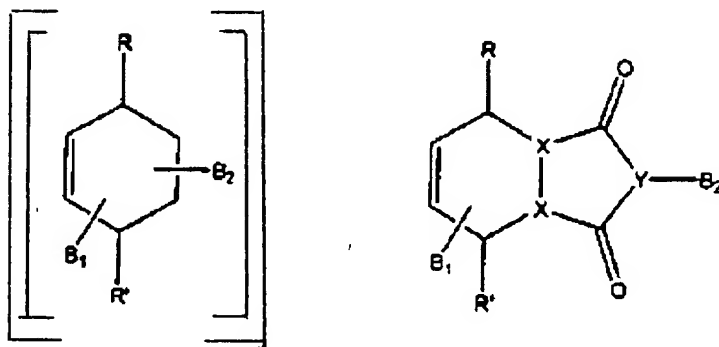
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-15 (canceled).

Claim 16 (currently amended): A conjugate of biomolecules selected from the group consisting of



wherein R and R' are independently H or methyl, or together constitute CH₂, CH₂CH₂, or O; X is CH or N; Y is N, CH=C, or NH-N; ~~and B₁ and B₂ comprise biomolecules independently selected from the group consisting of polypeptides, carbohydrates, polysaccharides, and nucleic acids, and are optionally attached via a linker~~ and B₁ comprises a carbohydrate and B₂ comprises a peptide carrier, a protein carrier, or a polysaccharide carrier, or B₁ comprises a peptide carrier, a protein carrier, or a polysaccharide carrier and B₂ comprises a carbohydrate; and wherein B₁ is attached at a ring position that is the same ring position as R or R' and B₁ and B₂ are each individually optionally attached to the ring structure via a linker.

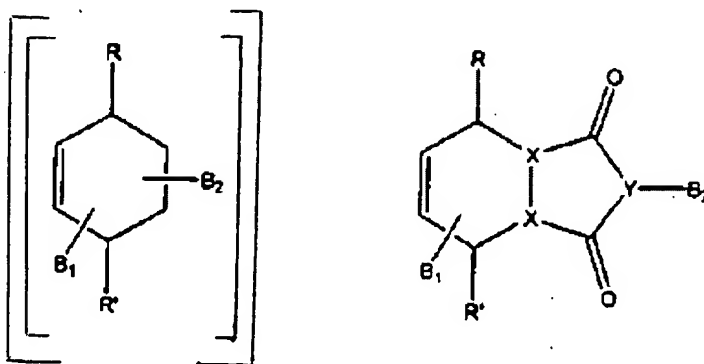
Claim 17 (original): The conjugate of biomolecules according to claim 16, wherein one of the biomolecules is a polysaccharide.

Claim 18 (original): The conjugate of biomolecules according to claim 17, wherein the polysaccharide is a viral or bacterial polysaccharide.

Claim 19 (original): The conjugate of biomolecules according to claim 16, wherein one of the biomolecules is a polysaccharide and the other biomolecule is a polypeptide.

Claim 20 (original): The conjugate of biomolecules according to claim 19, wherein the polysaccharide is a viral or bacterial polysaccharide.

Claim 21 (currently amended): An immobilized biomolecule selected from the group consisting of



wherein R and R' are independently H or methyl, or together constitute CH₂, CH₂CH₂, or O; X is CH or N; Y is N, CH=C, or NH-N; ~~one of B₁ and B₂ comprises a biomolecule selected from the group consisting of polypeptides, carbohydrates, polysaccharides, and nucleic acids and the other of B₁ and B₂ is a solid or gel support, and B₁ and B₂ are optionally attached via a linker and B₁ comprises a carbohydrate and B₂ comprises a peptide carrier, a protein carrier, or a polysaccharide carrier, or B₁ comprises a peptide carrier, a protein carrier, or a polysaccharide carrier and B₂ comprises a carbohydrate; and wherein B₁ is attached at a ring position that is the same ring position as R or R' and B₁ and B₂ are each individually optionally attached to the ring structure via a linker.~~

Claim 22 (previously presented): A pharmaceutical composition comprising a conjugate according to claim 16, further comprising a pharmaceutically acceptable carrier.

Claims 23-53 (canceled).

Claim 54 (new): The conjugate of claim 16 wherein the B₁ or B₂ carbohydrate comprises an oligosaccharide or a polysaccharide.

Claim 55 (new): The conjugate of claim 16 wherein the B₁ or B₂ carbohydrate comprises a hapten or an antigen.

Claim 56 (new): The conjugate of claim 16 wherein the B₁ or B₂ carbohydrate comprises a polysaccharide hapten or antigen.

Claim 57 (new): The immobilized biomolecule of claim 21 wherein the B₁ or B₂ carbohydrate comprises an oligosaccharide or a polysaccharide.

Claim 58 (new): The immobilized biomolecule of claim 21 wherein the B₁ or B₂ carbohydrate comprises a hapten or an antigen.

Claim 59 (new): The immobilized biomolecule of claim 21 wherein the B₁ or B₂ carbohydrate comprises a polysaccharide hapten or antigen.